

30. EL-MOFTY, ANWAR, EL-MOFTY, ABDEL MONEM, ABDELAL, H. AND EL-HAWARY, M. F. S.: Studies on the mode of action of psoralen derivatives. II. The pituitary adrenal axis control of copper metabolism and its response to psoralens. *J. Invest. Derm.*, **32**: 651, 1959.
31. LERNER, A. B., DENTON, C. A. AND FITZPATRICK, T. B.: Clinical and experimental studies with 8-Methoxypsoralen in vitiligo. *J. Invest. Derm.*, **20**: 299, 1953.
32. SINGER, L. AND DAVIS, G. K.: Pantothenic acid in copper deficiency in rats, *Science*, Vol. III: 472, 1950.
33. LERNER, A. B. AND FITZPATRICK, T. B.: Biochemistry of melanin formation. *Physiol. Rev.*, **30**: 91, 1950.
34. MARTIN, G. J. AND ANSBACHER, S.: Confirmatory evidence of the chromotrichial activity of p-aminobenzoic acid. *J. Biol. Chem.*, **138**: 441, 1941.
35. ANSBACHER, S.: p-aminobenzoic acid. Experimental and clinical studies. *Vitamins Hormones*, **2**: 215-254, 1944.
36. SULLIVAN, M. AND NICHOLLIS, J.: The nutritional approach to experimental dermatology. Nutritional dermatoses in the rat vit. B₆ deficiency. *J. Invest. Derm.*, **3**: 317, 1940.
37. EMERSON, G. A. AND KERESZTESE, J. C.: Biotin deficiency in the rat. *Proc. Soc. Exp. Biol. Med.*, **51**: 358, 1942.
38. FROST, D. V., DANN, F. P. AND MCINTIRE, F. C.: Adequacy of the known synthetic vitamins for normal feathering and pigmentation in chicks. *Ibid.*, **61**: 65, 1946.
39. WRIGHT, L. D. AND WELCH, A. D.: Folic acid, biotin and pantothenic acid deficiency and the liver storage of various vitamins in rats fed succinylsulphathiazole in highly purified rations. *J. Nutr.*, **27**: 55, 1944.
40. HOLMBERG, C. G. AND LAURELL, C. B.: Investigations in serum copper. Part III. Ceruloplasmin as an enzyme. *Acta Chem. Scand.*, Vol. **5**: 476, 1951.

ANNOUNCEMENTS

Annual Essay Contest

The Chicago Dermatological Society is sponsoring an Essay Contest with three prizes of \$500, \$300, and \$200.00. The essay, not previously published, must be on some phase of dermatology or in the fundamental sciences relative to a dermatologic problem.

Competition is open to members and accredited guests of the Chicago Dermatological Society, and all those scientists working within the Middle Western States who are sponsored, in writing, by a member.

All manuscripts must be typed in English, double-spaced, and with ample margins as required for publication. Three copies of each manuscript, together with illustrations, charts and tables are to be submitted to the Secretary of the Chicago Dermatological Society not later than April 15, 1963. Manuscripts should be limited to 10,000 words or less.

Further information regarding the contest may be obtained by writing to the Secretary, Frederick D. Malkinson, M.D., 950 E. 59th Street, Chicago 37, Ill.

SCIENTIFIC EXHIBITS.—Applications are now being received for space for scientific exhibits at the meeting of the American Academy of Dermatology at the Palmer House, Chicago, in December, 1963.

Awards will be given for the best exhibits in each of the following categories:

- | | | |
|----------------------------|--------------------|----------------|
| (1) Original investigation | (2) Teaching value | (3) Historical |
|----------------------------|--------------------|----------------|

Please address all correspondence before the application deadline, June 1, 1963, to Frederick D. Malkinson, M.D., Section of Dermatology, The University of Chicago Hospitals and Clinics, 940 E. 59th Street, Chicago 37, Illinois.

Earl D. Osborne Fellowship in Dermal Pathology

This fellowship, sponsored by the American Academy of Dermatology, is to provide annually the opportunity for study and training in dermal pathology to a postgraduate student who has completed satisfactorily at least one year or preferably two years of training in dermatology. The stipend is \$4,000 a year, divided into four quarterly payments during the year's fellowship. The period of training will be spent at the Armed Forces Institute of Pathology, Washington, D. C., the appointment being subject to approval by the director of the Institute. The American Board of Dermatology and Syphilology, Inc., has approved the Institute as an institute for one year of training.

It must be emphasized, however, that a student must complete one year of graduate training, either before or after completion of the Osborne Fellowship, in an institution approved by the Board for three years of training. The primary purpose of the Osborne Fellowship is to train dermatologists in dermal pathology. The large amount of material in dermal pathology on hand at the Institute will be available for study, and original research may be pursued under the direction of the chief of the Dermal Pathology section of the Institute.

Dermatologists in training who are interested in this fellowship may obtain application blanks from Dr. Hamilton Montgomery, Chairman of the Committee on Pathology of the American Academy of Dermatology and Syphilology, 200 First Street Southwest, Rochester, Minnesota. The next available appointment begins July 1, 1964. Early application is urged and as a rule applications will not be considered after September 1, 1963, for the July 1, 1964 appointment.

Fourth Annual Advanced Seminars

The Fourth Annual Advanced Seminars in Dermatology will be offered at the University of California Tahoe Alumni Center, Lake Tahoe, July 2-7, 1963.

These Seminars offer dermatologists an opportunity to gather in small groups especially conducive to discussion and thought which will be devoted to advanced discussion of selected important areas in the field of cutaneous medicine under the supervision of an eminent faculty selected from leaders in dermatology in the United States. Each session consists of one-half day with afternoons free for recreation.

This program is an educational activity of the Dermatologic Research Foundation of California, Inc., and in 1963 is being offered as a joint program by the Divisions of Dermatology, UC-UCLA Schools of Medicine. You are cordially invited to attend these Advanced Seminars in Dermatology.

Interested persons should contact the Administrative Secretary, Department of Dermatology, University of California, San Francisco Medical Center, San Francisco 22, California.